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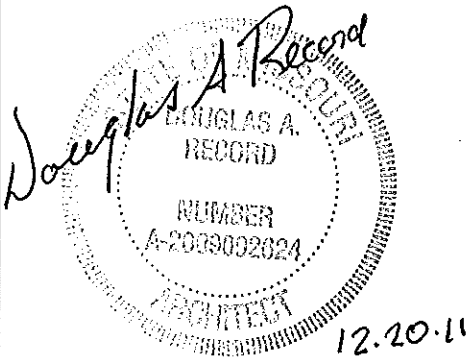
MISSOURI DEPARTMENT
OF TRANSPORTATION

CONCRETE CONTAINMENT STRUCTURE
NEBO MAINTENANCE SITE
CENTRAL DISTRICT

CODE REQUIREMENTS

BUILDING CODE - CURRENT IBC

Route 32, 1.5 Miles West of Route U
LACLEDE COUNTY, NEBO, MISSOURI

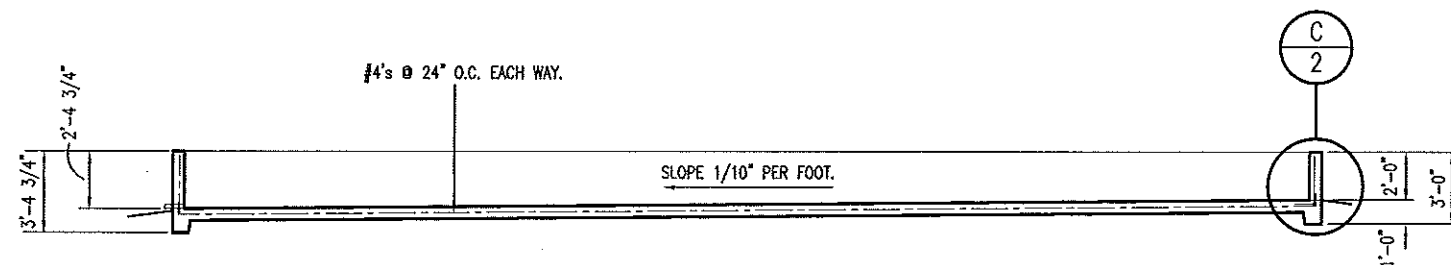


COVER SHEET

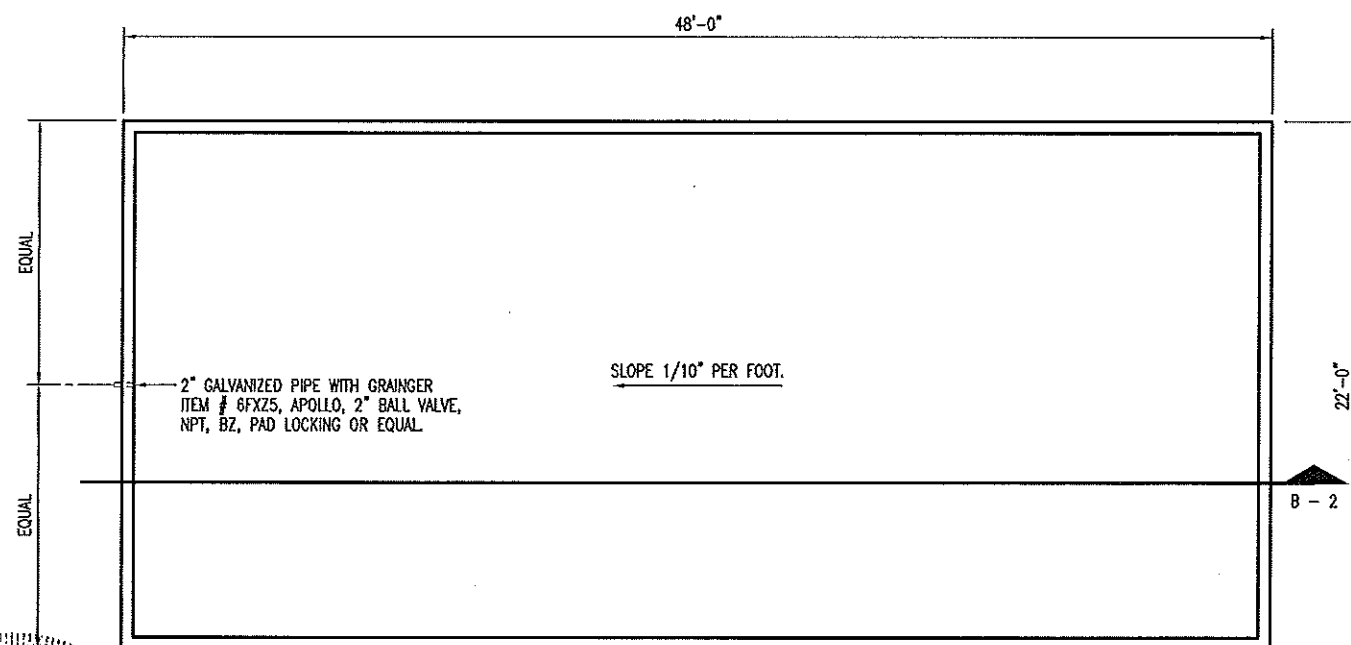
MISSOURI DEPARTMENT
OF TRANSPORTATION
DIVISION OF GENERAL SERVICES
FACILITIES MANAGEMENT

CONCRETE CONTAINMENT STRUCTURE
NEBO MAINTENANCE SITE
CENTRAL DISTRICT

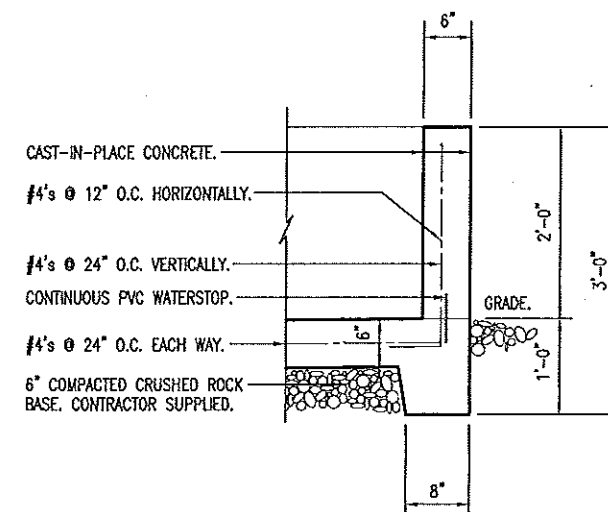
DRAWN BY: LARRY CARVER
DATE: 12-15-11
Sheet
1 of 2



B
2 SECTION
SCALE: 1/8" = 1'-0"



A
2 PLAN VIEW
SCALE: 1/8" = 1'-0"



C
2 DETAIL
SCALE: 1/2" = 1'-0"

CONTRACTOR NOTES:

CONCRETE STRENGTH: 4,000 LB. PSI @ 28 DAYS.

CONCRETE FINISH: EXPOSED FORM FINISH SHOULD BE RUBBED DOWN OR CHIP AND SMOOTH FINIS OR OTHER RAISED AREAS 1/4" OR MORE IN HEIGHT. REPAIR SURFACE DEFECTS, INCLUDING TIE HOLES, IMMEDIATELY AFTER REMOVING FORMWORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR A SMOOTH FINISHING OF ALL CONCRETE SLABS TO PROPER ELEVATION TO ENSURE THAT ALL SURFACE MOISTURE WILL DRAIN FREELY TO DRAIN.

TESTING: CONTRACTOR IS TO PULL ONE SAMPLE FROM FLOOR AND ONE FROM THE WALLS AND LEAVE AT EACH LOCATION. MODOT WILL PERFORM THE CYLINDER TESTING. CONTRACTOR SHOULD ALSO PROVIDE A DESIGN MIX FROM THE BATCH PLANT.

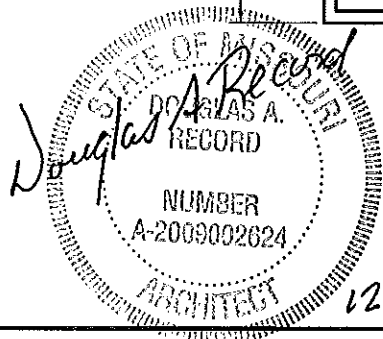
FILLING AND BACKFILLING: PLACE BACKFILL AND FILL MATERIALS IN LAYERS NOT MORE THAN 8" IN LOOSE DEPTH. BEFORE COMPACTION, MOISTEN OR AERATE EACH LAYER AS NECESSARY TO PROVIDE THE SPECIFIED MOISTURE CONTENT. COMPACT EACH LAYER TO REQUIRED PERCENTAGE OF MAXIMUM DENSITY FOR THE AREA. FOOTPRINT OF CONTAINMENT STRUCTURE LEVELED BY MODOT 12" BELOW FINISHED FLOOR.

WATERSTOP: GREENSTREAK INC. - STYLE NUMBER 703, 6" x 3/16", PVC, RIBBED, SERRATED WITH CENTERBULB OR EQUAL. OPTIONAL: WATERSTOP RX WITH 2-1/2" x 1-1/2" KEYWAY.

EXCAVATION: CONTRACTOR TO SLOPE GRADE AWAY FROM NEW CONTAINMENT STRUCTURE AS REQUIRED WITH TYPE 5 ROCK BASE.

STAKING: STRUCTURE LOCATION STAKED BY MODOT AT MAINTENANCE SITE.

AIR ENTRAINMENT: EXPOSED EXTERIOR CONCRETE 6% ± 2%.



PLAN AND DETAILS

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CONCRETE CONTAINMENT STRUCTURE
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